Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
Data File : BF119210.D
Acq On : 5 Mar 2020 12:52
Operator : CG/JU
Sample : PB127191BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB127191BS

Manual Integrations APPROVED
mohammad
3/9/2020 8:26:46 AM

Quant Time: Mar 06 06:40:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	110056	20.00	ng		-0.02
21) Naphthalene-d8	8.01	136	420950	20.00	ng		-0.02
39) Acenaphthene-d10	9.76	164	239532	20.00	ng		-0.02
64) Phenanthrene-d10	11.25	188	444675	20.00	ng		-0.01
76) Chrysene-d12	13.89	240	284839	20.00	ng		-0.01
87) Perylene-d12	15.31	264	243142	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	826354	125.48	ng		0.00
7) Phenol-d6	6.39	99	997123	124.50	ng		-0.01
23) Nitrobenzene-d5	7.29	82	605782	75.98	ng		-0.03
42) 2,4,6-Tribromophenol	10.56	330	374278	119.44	ng		-0.02
45) 2-Fluorobiphenyl	9.09	172	1252312	77.02	ng		-0.02
79) Terphenyl-d14	12.83	244	1457217	88.08	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	118617	40.455	ng		98
3) Pyridine	3.20	79	283309	35.380	ng		99
4) n-Nitrosodimethylamine	3.14	42	111409	45.928	ng		95
6) Aniline	6.39	93	312269	31.597	ng	#	75
8) 2-Chlorophenol	6.52	128	340808	47.954	ng		99
9) Benzaldehyde	6.27	77	148700	27.789	ng		99
10) Phenol	6.40	94	403203	46.562	ng		80
11) bis(2-Chloroethyl)ether	6.46	93	308080	46.498	ng		98
12) 1,3-Dichlorobenzene	6.67	146	373983	43.904	ng		98
13) 1,4-Dichlorobenzene	6.75	146	380829	44.677	ng		98
14) 1,2-Dichlorobenzene	6.90	146	352987	45.406	ng		99
15) Benzyl Alcohol	6.88	79	288755	49.884	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	243554	42.435	ng	#	15
17) 2-Methylphenol	7.00	107	277964	48.240	ng		95
18) Hexachloroethane	7.23	117	135804	44.531	ng		100
19) n-Nitroso-di-n-propylamine	7.15	70	233437	50.019	ng		97
20) 3+4-Methylphenols	7.16	107	365857	51.826	ng	#	84
22) Acetophenone	7.14	105	466490	47.896	ng	#	95
24) Nitrobenzene	7.31	77	351467	44.580	ng		97
25) Isophorone	7.55	82	640125	46.232	ng		98
26) 2-Nitrophenol	7.63	139	191973	45.956	ng		98
27) 2,4-Dimethylphenol	7.68	122	298963	52.733	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	388961	43.159	ng		99
29) 2,4-Dichlorophenol	7.88	162	303669	45.499	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	330045	41.708	ng		100
31) Naphthalene	8.03	128	986615	45.193	ng		99
32) Benzoic acid	7.84	122	167623	41.561	ng		99
33) 4-Chloroaniline	8.09	127	260788	27.774	ng		99
34) Hexachlorobutadiene	8.15	225	202439	41.070	ng		99
35) Caprolactam	8.46	113	88865m	43.241	ng		
36) 4-Chloro-3-methylphenol	8.59	107	322336	47.721	ng		99
37) 2-Methylnaphthalene	8.72	142	687008	46.762	ng		99
38) 1-Methylnaphthalene	8.82	142	642687	46.515	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	341485	42.284	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	174768	61.865 ng	99
43) 2,4,6-Trichlorophenol	9.01	196	215726	42.300 ng	98
44) 2,4,5-Trichlorophenol	9.06	196	225771	42.187 ng	99
46) 1,1'-Biphenyl	9.19	154	831540	42.954 ng	99
47) 2-Chloronaphthalene	9.22	162	663634	42.539 ng	97
48) 2-Nitroaniline	9.32	65	186560	42.875 ng	96
49) Acenaphthylene	9.63	152	1020418	45.288 ng	99
50) Dimethylphthalate	9.49	163	808101	44.119 ng	98
51) 2,6-Dinitrotoluene	9.56	165	184047	45.227 ng	90
52) Acenaphthene	9.80	154	601906	44.302 ng	100
53) 3-Nitroaniline	9.73	138	126775	28.101 ng	96
54) 2,4-Dinitrophenol	9.85	184	139786	71.548 ng	92
55) Dibenzofuran	9.97	168	899162	44.340 ng	100
56) 4-Nitrophenol	9.92	139	177087	65.332 ng	97
57) 2,4-Dinitrotoluene	9.97	165	224572	42.575 ng	94
58) Fluorene	10.32	166	732449	46.482 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	193523	42.855 ng	97
60) Diethylphthalate	10.19	149	789690	45.750 ng	99
61) 4-Chlorophenyl-phenylether	10.30	204	381774	45.771 ng	96
62) 4-Nitroaniline	10.35	138	156240	33.850 ng	96
63) Azobenzene	10.46	77	697432	46.484 ng	96
65) 4,6-Dinitro-2-methylphenol	10.39	198	121265	45.067 ng	92
66) n-Nitrosodiphenylamine	10.43	169	656188	45.067 ng	100
67) 4-Bromophenyl-phenylether	10.79	248	248456	42.745 ng	95
68) Hexachlorobenzene	10.87	284	281476	42.002 ng	98
69) Atrazine	10.96	200	231584	45.523 ng	98
70) Pentachlorophenol	11.07	266	185475	68.707 ng	98
71) Phenanthrene	11.27	178	1055809	43.538 ng	98
72) Anthracene	11.33	178	1098712	45.345 ng	98
73) Carbazole	11.49	167	932896	43.217 ng	98
74) Di-n-butylphthalate	11.81	149	1198565	45.850 ng	99
75) Fluoranthene	12.46	202	1103971	42.887 ng	99
77) Benzidine	12.58	184	356793	30.800 ng	98
78) Pyrene	12.69	202	1089300	47.625 ng	99
80) Butylbenzylphthalate	13.30	149	467801	48.596 ng	96
81) Benzo(a)anthracene	13.88	228	878011	45.240 ng	99
82) 3,3'-Dichlorobenzidine	13.83	252	232396	30.837 ng	97
83) Chrysene	13.92	228	831960	43.021 ng	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	643090	52.879 ng	100
85) Di-n-octyl phthalate	14.47	149	987237	50.949 ng	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	765428	40.878 ng	100
88) Benzo(b)fluoranthene	14.91	252	744359	46.445 ng	99
89) Benzo(k)fluoranthene	14.93	252	696997	46.929 ng	100
90) Benzo(a)pyrene	15.26	252	633522	43.799 ng	97
91) Dibenzo(a,h)anthracene	16.72	278	650386	51.103 ng	99
92) Benzo(g,h,i)perylene	17.14	276	650165	51.703 ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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